

77 South High Street - 16th Floor  
Columbus, OH 43266

**OPWC Use Only**

OPWC Use Only					
Application ID Number			Project ID Number		
Date Received MO DAY YR			Date Received MO DAY YR		
Amount Requested \$			Amount Approved \$		

Phone (513) 733-3725

DONE  
JUNE 29, 1989  
SEPT. 14, 1989

Appn. No.

Project No.

### SECTION 3 - FUNDING INFORMATION

#### 3.1 ESTIMATED COST:

Administrative and Legal	\$		Construction	\$	42397
Preliminary Engineering		1000	Equipment and Facilities		3363
Site Related			Contingencies		4240
Construction Engineering		1000	Other (Explain)		
			TOTAL		52000

#### 3.2 PROPOSED FUNDING:

Category	Amount	Percent
Federal/State	\$	
State only		
Local		
Other (explain)		
OPWC		
OPERATING FUNDS	7000	13.46
DISTRICT	45,000	86.54

#### 3.3 OPWC ASSISTANCE REQUESTED

#### 3.4 TYPE OF OPWC FUNDS:

Grant (100% of funds in years 1 and 2)	45,000
Loan (Beginning in year 3)	
Debt Support (Beginning in year 3)	
Credit Enhancement (Beginning in year 3)	

<input checked="" type="checkbox"/> District
<input type="checkbox"/> Emergency
<input type="checkbox"/> Small Government
<input type="checkbox"/> Water/Sewer Rotary

#### 3.5 DESCRIPTION OF APPLICANT'S EFFORTS AND ABILITY TO ASSIST IN FINANCING THE PROJECT:

INITIAL DEBRIS CLEARING, GUARDS & BARRICADES, CONTRACT ADMINISTRATION, CONSTRUCTION ENGINEERING AND INSPECTION

### SECTION 4 - APPLICANT CERTIFICATION

#### 4.1 The Applicant Certifies that:

"To the best of my knowledge and belief, data in this application are true and correct, an inventory and a five-year plan of capital improvement needs and priorities has been completed in compliance with R.C. 164.06(C), the documents have been duly authorized by the governing body of the applicant, and the applicant will comply with required assurances including minority hiring, Buy Ohio, prevailing wage, and other assurances provided by law."

Certifying Representative:

(Type name and title) JON A. BENNETT  
CITY ENGINEER

Signature:

Jon A Bennett

Date Signed

8/9/89

### SECTION 5 - DISTRICT COMMITTEE CERTIFICATION

#### 5.1 The District Integrating Committee for District Number 2 Certifies that:

The Committee has selected this request for assistance to be submitted to the Director, OPWC, with specific consideration having been given to infrastructure repair and replacement needs of the district, age and condition of the system, ability to generate revenue, importance of project to health and safety, local ability to finance, availability of federal or other funds, adequacy of planning for project, adequacy of a 5-year infrastructure plan by the subdivision, project cost, and allocation limits of District (Secs. 164.05 and 164.06 B of ORC), and, if requested by Director, OPWC, the District will provide within 5 days evidence satisfactory to the Director that the foregoing considerations have been made.

Certifying Representative:

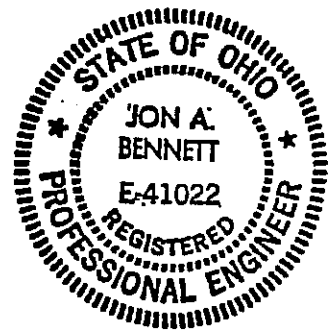
(Type name and title) DONALD C. SCHRAMM, P.E.-P.S.  
CHAIRMAN

Signature:

Donald C Schramm

Date Signed

8/19/89



CULVERT REPLACEMENT  
CITY OF READING, CINCINNATI, OHIO

KZF COMM NO. 1842.07

PROJECT MANAGER : JON BENNETT

DATE:6-20-89

PREPARED BY : KANCHERLA

DESCRIPTION	QTY	UNIT	UNIT COST	COST	
REPAIR AREA	3,452	SF			
DENOLITION					
REMOVE ASPHALT TOPPING	445	SY	\$2.25	\$1,000	
REMOVE STEEL BEAMS & CORRUGATED METAL	1	LS	\$2,000.00	\$2,000	
REMOVE CONCRETE SLAB	3,000	SF	\$1.00	\$3,000	
SUB-TOTAL				\$6,000	\$6,000
FORMWORK					
SUPPORT FORM	3,231	SF	\$2.50	\$8,078	
SIDE FORM (NOT REQUIRED)	1	LS	\$0.00	\$0	
SUB-TOTAL				\$8,078	\$8,078
REINFORCING					
BUY REINFORCING	4	TON	\$600.00	\$2,400	
PLACE REINFORCING	4	TON	\$300.00	\$1,200	
SUB-TOTAL				\$3,600	\$3,600
CONCRETE					
BUY CONCRETE	136	CY	\$45.00	\$6,120	
ADD DCI CORROSION INHIBITOR	136	CY	\$15.00	\$2,040	

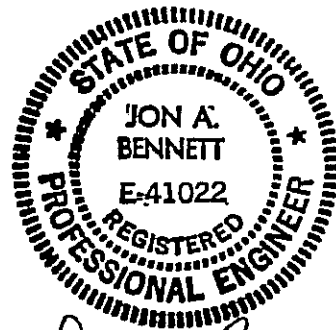
CULVERT REPLACEMENT  
CITY OF READING, CINCINNATI, OHIO

KZF COMM NO. 1842.07

PROJECT MANAGER : JON BENNETT

DATE:6-20-89

PREPARED BY : KANCHERLA



*Jon A Bennett*

DESCRIPTION	QTY	UNIT	UNIT COST	COST
PLACE CONCRETE	136	CY	\$10.00	\$1,360
FINISH CONCRETE	3,452	SF	\$0.60	\$2,071
SUB-TOTAL				\$11,591
ASPHALT				
REPLACE ASPHALT OVERLAY	490	SY	\$10.00	\$4,900
SUB-TOTAL				\$4,900
MISCELLANEOUS				
CONSTRUCTION BARRIERS	1	LS	\$300.00	\$300
SUB-TOTAL				\$300
SUB-TOTAL				\$34,469
CONTRACTOR'S O.H. & P. 23%				\$7,928
SUB-TOTAL				\$42,397
CONTINGENCY 10%				\$4,240
ESTIMATED CONSTRUCTION COST				\$50,000

KZF INCORPORATED

655 EDEN PARK DRIVE

CINCINNATI, OHIO 45202

Address

(513) 621-6211

Phone (Work)

Jon A Bennett  
Signature

JON A. BENNETT

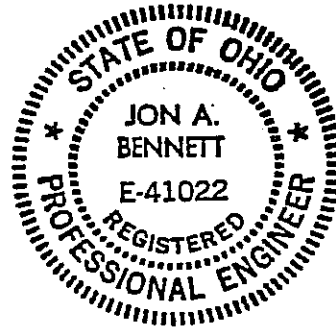
Name

CITY ENGINEER

Position

CITY OF READING

Local Jurisdiction/Agency



*This structure has been designed for a  
minimum useful life of 50 years*

*Jon A Bennett*



# County of Hamilton

DONALD C. SCHRAMM, P.E.-P.S. COUNTY ENGINEER

700 COUNTY ADMINISTRATION BUILDING

138 EAST COURT STREET

CINCINNATI, OHIO 45202

GENERAL INFORMATION (513) 632-8523

## PROJECT SELECTION CRITERIA AND PROCEDURE

To fairly select projects for formal submission to the Director of the Ohio Public Works Commission or the Administrator of the Small Government Capital Improvements Commission and to comply with the requirements of Division (B) of Section 164.06 of the Ohio Revised Code by considering each application in light of the specific factors stipulated therein, the District #2 Integrating Committee adopted a numerical point rating procedure developed by a team of registered professional engineers.

All applications for assistance under the State Issue #2 Infrastructure Financing Program were evaluated by a support staff of registered professional engineers in accordance with the adopted rating procedure including on site verification of need and project eligibility. A listing of all projects in order of descending numerical rating was compiled.

Each applicant received notification of the numerical rating of their specific projects and were given opportunity to comment on and question the point values assigned to each factor.

The staff and ultimately the District Committee took into consideration valid comments and questions received. A reassessment was made and where justified, adjustments made in the numerical ratings. A final listing of projects in order of descending numerical rating was compiled. Based on a maximum rating of 115 points; project ratings ranged from a high of 88 points to a low of 43 points.

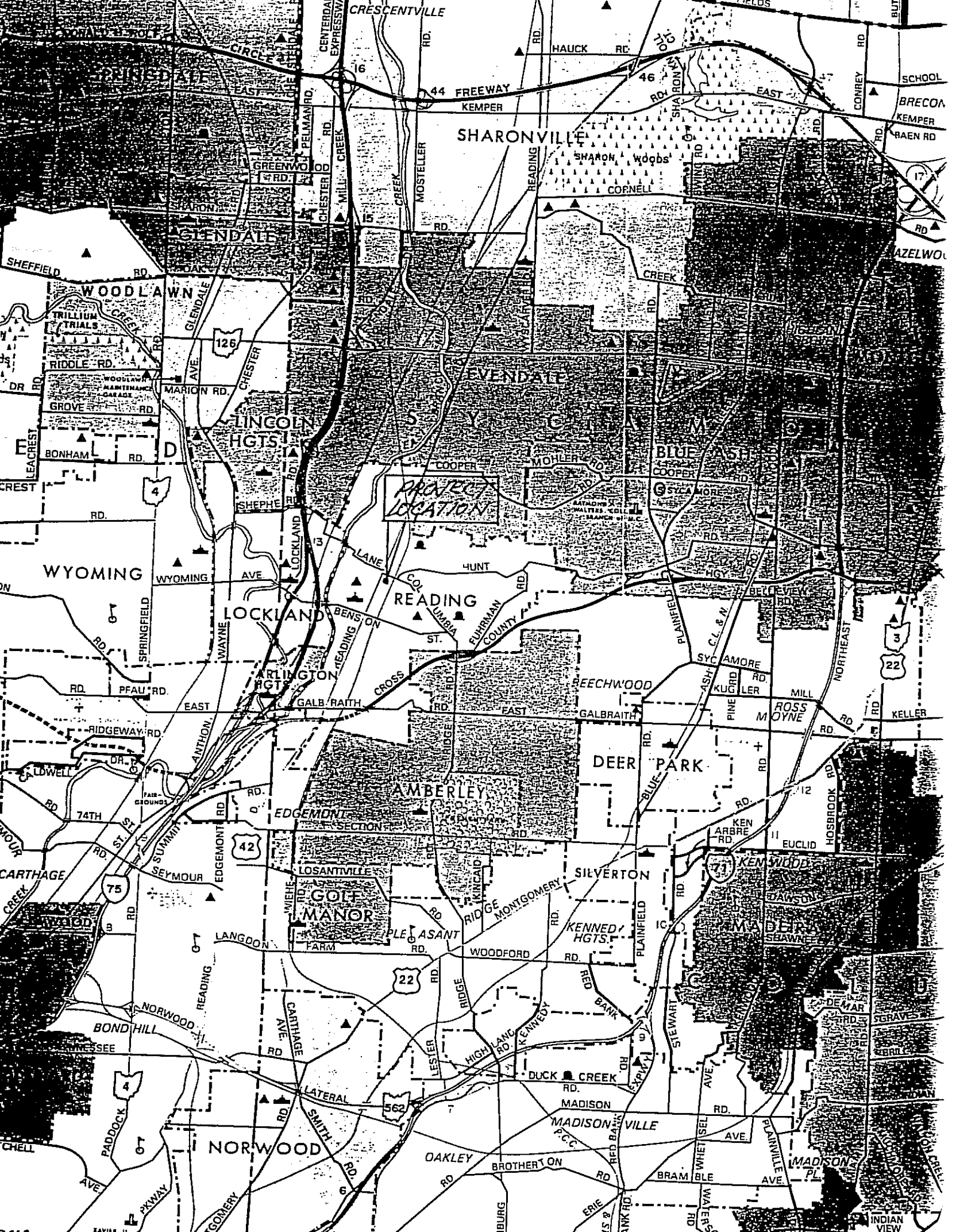
Beginning with the highest rating, each project was voted on by the Integrating Committee. The final list of recommended projects was determined and finalized when the sum total of infrastructure funds (requested for projects receiving the necessary seven (7) votes for approval) approximately matched the level of infrastructure funds anticipated for the District.

The project herewith attached received a rating of 74.

Respectfully submitted,

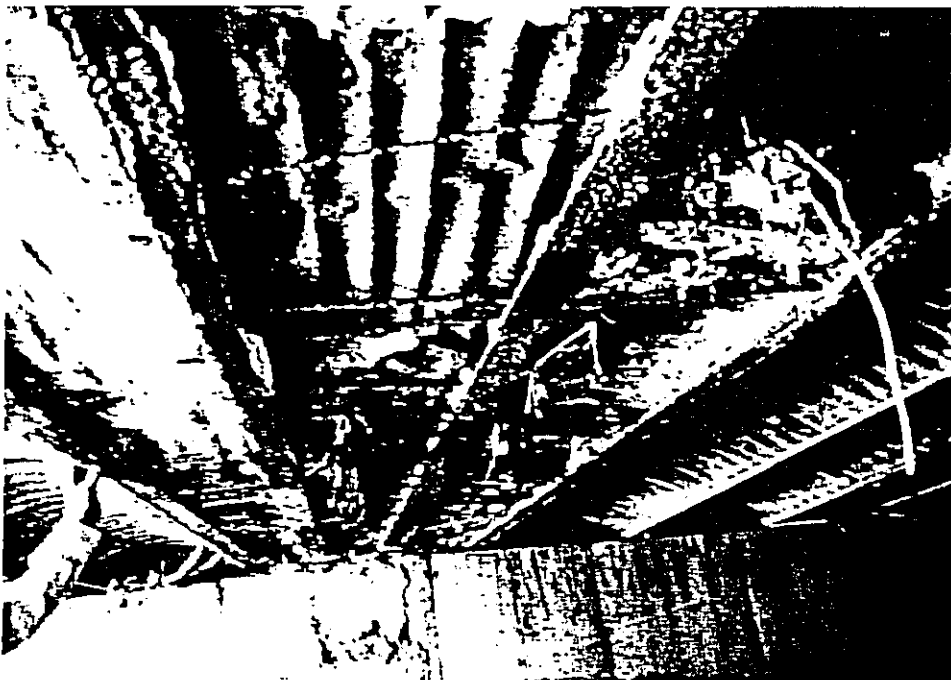
A handwritten signature in black ink, reading "Donald C. Schramm".

Donald C. Schramm, Chairman  
District #2 Integrating Committee





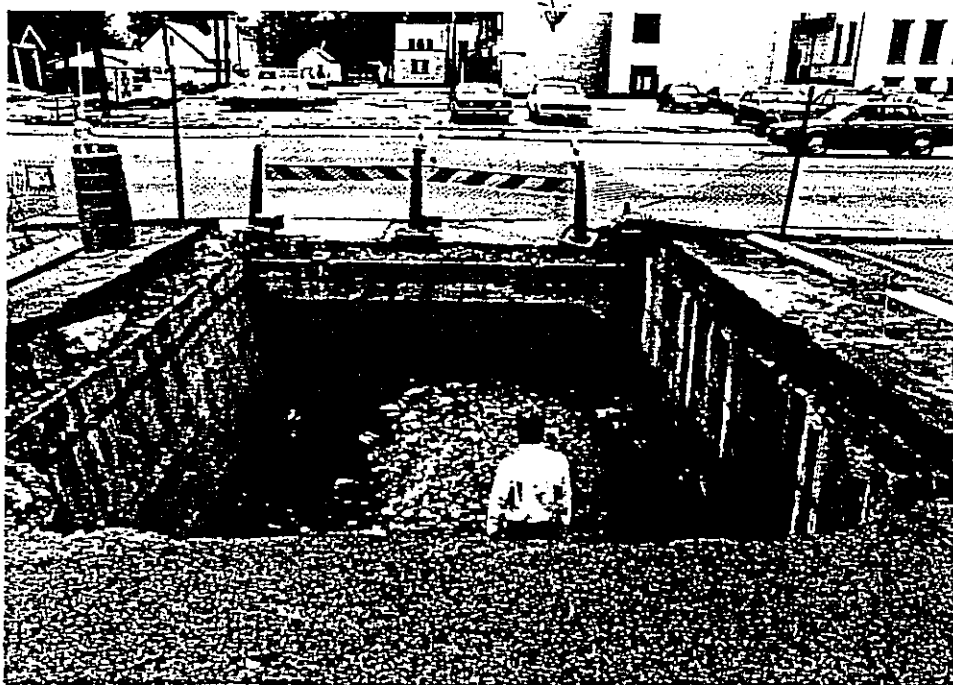
*Severe metal loss due to corrosion of steel I beams  
and corrugated metal underside of unreinforced top slab.  
Beams show buckling where metal loss is extreme.*





*Looking toward parking lot*

READING RD :



*looking toward Reading Road*

APPLICATION YEAR: 1989STATE OF OHIOINFRASTRUCTURE BOND PROGRAMDISTRICT 2 HAMILTON COUNTYPROJECT APPLICATIONJurisdiction/Agency: CITY OF READING Population (1980): 12843Project Title: CULVERT SLAB REPLACEMENT - IGA PARKING LOTProject Identification and Location: IGA PARKING LOT AT  
CORNER OF READING ROAD AND COLUMBIA AVE.Type of Project: Rehabilitation ☐ Replace ☒ Betterment\* ☐

(Mark more than one box if there are expansion elements such as 2 lane bridge being replaced with a 4 lane bridge)

Explanation of Betterment Elements of Project\*: \_\_\_\_\_

Road ☐ Bridge ☐ Flood Control System (Stormwater) ☒ Water Supply Systems ☐Solid Waste Disposal Facilities ☐ Waste Water Treatment Systems ☐Storm Water and Sanitary Collection Storage & Treatment Facilities ☒Detailed Description of Project\*\*: REPLACE FAILED & DETERIORATED  
TOP SLAB PORTION OF CULVERT APPROXIMATELY  
221'± LONG x 15'± WIDEType of Issue 2 Funds: District 2 ☒ Small Government ☐  
Water/Sewer Rotary ☐ Emergency ☒

\* See definition of Betterment attached.

\*\*Attach additional sheets if necessary.

1. Is this a roadway, bridge, or stormwater project? STORMWATER
2. If State Issue 2 funds are awarded, how soon would the opening of bids occur after project approval?  
■ Explain in definite statements and dates the adequacy of the planning for the project and the readiness of the applicant to proceed should the project be approved. As a minimum list, the LENGTHS OF TIME to complete the following:
- a) Selection of Consultant (if applicable). N/A
  - b) Preliminary development or engineering. DONE
  - c) The preparation of detailed construction plans. DONE
  - d) Right of Way acquisition (if applicable). N/A  
(Please note that right of way acquisition is a time consuming process).
  - e) Utility coordination N/A
3. Using averages where necessary, what is the condition of the infrastructure to be replaced or repaired? For bridges, base condition on latest general appraisal and condition rating.  
■ Include a brief statement of condition and deficiencies of the present facility such as: inadequate superstructure (bridge), surface type and width, structural condition of surface, berm width, grades, curves, sight distances, drainage structures, sanitary sewers. When condition is not accurately ascertainable, use age of facility. List the age of the infrastructure to be repaired or replaced using one of the following categories: less than 20 years, 20-29 years, 30-39 years, 40-49 years, 50 years or older
- CONDITION - UNSAFE, DETERIORATED; AGE - 50 YEARS
4. How will the proposed infrastructure activity impact the general health and welfare of the service area, including convenience and quality of life?  
■ Discuss the following items pertaining to the project (before and after the completion of the project) as thoroughly as possible.
- a) Emergency response time - for example, are vehicles currently required to use alternate routes delaying emergency response time? N/A
  - b) Detour characteristics - for example, are the alternate routes adequate to handle the additional traffic and loads of a detour? YES

c) Additional User Costs - The additional distance and time for the users to travel the detour or alternate routes. N/A

d) Adverse impact on adjacent businesses - How does the existing detour or the proposed project have any impact on the adjacent businesses?

IMPACT ON IGA GROCERY STORE AS  
CONSTRUCTION IS ADJACENT TO FRONT ENTRY

5. Are matching funds available? (i.e. Federal, State, MRF, Local, etc.) To what extent of anticipated construction cost?

■ List the type and amount of funds being supplied by the local agency. This amount may be from local, Federal, State, Municipal Road Fund (MRF), or other sources. Explain additional funding through other sources being applied for or received for the project. Also, explain any need to accumulate funds for construction at a later date. Complete LOCAL FUNDING SOURCES on Page 5.

■ The local agency shall supply a minimum of 10% of the anticipated construction cost. Additionally, the local agency shall pay for all costs of engineering, inspection of construction, right of way, and the betterment portion of the project. Complete ESTIMATED COST OF PROJECT, on Page 5.

6. How will the proposed infrastructure activity impact the public's safety?

■ Include a brief statement indicating how the activity will impact the public safety. For example, will the activity reduce the number of accidents? Accident records should be attached where applicable. List whether an existing bridge is functionally obsolete or structurally deficient (This information may be obtained from City, County or State where applicable); or will the addition or improvement of storm sewers reduce accidents on a roadway or bridge.

STRUCTURALLY DEFICIENT

7. Has any formal action by a federal, state, or local government agency resulted in a partial ban or complete ban of the use or expansion of use for the involved infrastructure?

■ Are there any roads or streets within the proposed project limits that have weight limits (partial ban) or truck restrictions (complete ban)? Have any bridges had weight limits imposed on them (partial ban) or truck prohibitions (complete ban)? Have the issuance of new Building permits been limited (partial ban) or halted (complete ban) because the existing storm/sanitary sewer or water supply system in a particular area is inadequate? Document with specific information explaining what type of ban currently exists and the agency that imposed the ban.

N/A

8. What is the total number of existing users that will benefit as a result of the proposed project? Use appropriate criteria such as households, traffic count, daily users, etc., and equate to an equal measurement of users.
- For roads and bridges, compute current Average Daily Traffic and multiply by 1.2 occupants per car (I.T.E. estimated conversion factor) to determine users per day. Documentation should include recent traffic counts. Where the facility currently has any restrictions or is partially closed, use traffic counts prior to restriction. For storm sewers, determine the approximate number of residents within the area drained by the storm sewer under consideration.

5000 RESIDENTS WITHIN DRAINAGE AREA

9. Does the project have regional impact? (How many jurisdictions will be served or will benefit from this project?)
- Determine how many jurisdictions will significantly benefit from the project. Try to determine the service area of the project, using destination studies and other methods of documentation as available.

N/A

10. The applicant has conducted a study of its existing capital improvements and their conditions. A five year overall Capital Improvement Plan (that shall be updated annually) is attached or on file with the District 2 Integrating Committee for the current year or shall be submitted by March 31 of the program year. The Plan shall include the following:

- a) An inventory of existing capital improvements,
- b) A plan that details capital improvements needs during the next five years and,
- c) A list of the political subdivision's priorities in addressing these needs.

The attached Form 1 shall be completed for those projects which are being submitted for Issue 2 funds.

# 11.) PROJECT SCHEDULE

<u>ACTIVITY</u>	<u>TARGET DATE</u>
Consultant Selection (if applicable)	<u>N/A</u>
Preliminary Engineering Completed	<u>DONE</u>
Detailed Plans Completed	<u>DONE</u>
Right-Of-Way Acquired (if applicable)	<u>N/A</u>
Contract Let	<u>2 WEEKS</u>
Construction Completed	<u>2 WEEKS</u>

## 12.) ESTIMATED COST OF PROJECT

<u>ACTIVITY</u>	<u>ISSUE 2 FUNDS</u>	<u>LOCAL FUNDS</u>
Planning, Design, Engineering	(100% Local)	\$ <u>1000.00</u>
Right-Of-Way/Real Property	(100% Local)	\$ <u>—</u>
Inspection of Construction	(100% Local)	\$ <u>1000.00</u>
Construction and Contingencies	\$ <u>45,000.00</u>	\$ <u>5000.00</u>
Betterment Portion	(100% Local)	\$ <u>—</u>
Subtotal	\$ <u>45,000.00</u>	\$ <u>7000.00</u> **
Grand Total (Issue 2 Funds Plus Local Funds).....		\$ <u>52,000.00</u>

### LOCAL FUNDING SOURCES

Municipal Road Fund (MRF)	\$ <u>                    </u>
State Fuel & License Funds	\$ <u>                    </u>
Local Road Taxes	\$ <u>                    </u>
Local Bond or Operating Funds	\$ <u>7000.00</u>
Misc. Funds (Specify) _____	\$ <u>                    </u>
Total Local Funds	\$ <u>7000.00</u> **

\*\* These numbers must be identical

CAPITAL IMPROVEMENT PLAN (Attach to CIP Issue 2 Funds only)

LOCAL ABILITY TO PAY

- A. Previous Capital Budget Expenditures (Circle One) For Infrastructure Projects\*  
Appropriations

	As % of Total Resources
1985 \$ <u>100000</u>	<u>13.1</u> %
1986 \$ <u>62000</u>	<u>8.8</u> %
1987 \$ <u>68000</u>	<u>13.2</u> %

- B. Projected Capital Expenditures (Same as "A") For Infrastructure Projects\*  
Appropriations

	As % of Total Resources
1988 \$ <u>70000</u>	<u>5.4</u> % **
1989 \$ <u>80000</u>	<u>14</u> %
1990 \$ <u>85000</u>	<u>14.2</u> %

Briefly explain any significant reduction (10% or more) in projected expenditures or appropriations for 1988-90 as compared to actual expenditures or appropriations for previous years. (It is the intent of Issue 2 to SUPPLEMENT local capital funds, not REPLACE them.)

\*\* 350% INCREASE IN BOND RETIREMENT PAYMENTS OVER  
THOSE OF THE PREVIOUS 4 YRS - FROM GENERAL FUND.

\* Use only funds expended or appropriated for construction CONTRACTS.

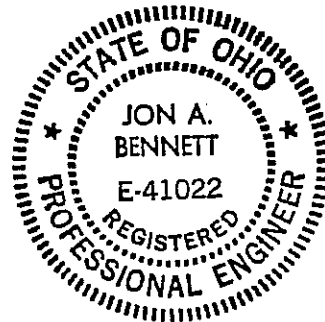
14.) AUTHORIZATION

The applicant hereby affirms that local funds will be provided if this project is selected.

Note: Attach with application any photographs, reports, plans or other available data on the project.

KZF INCORPORATED  
655 EDEN PARK DRIVE  
CINCINNATI, OHIO 45202  
Address  
(513) 621-6211  
Phone (Work)

Jon A Bennett  
Signature  
JON A. BENNETT  
Name  
CITY ENGINEER  
Position  
CITY OF READING  
Local Jurisdiction/Agency



*This structure has been designed for a minimum useful life of 50 years*

*Jon A Bennett*

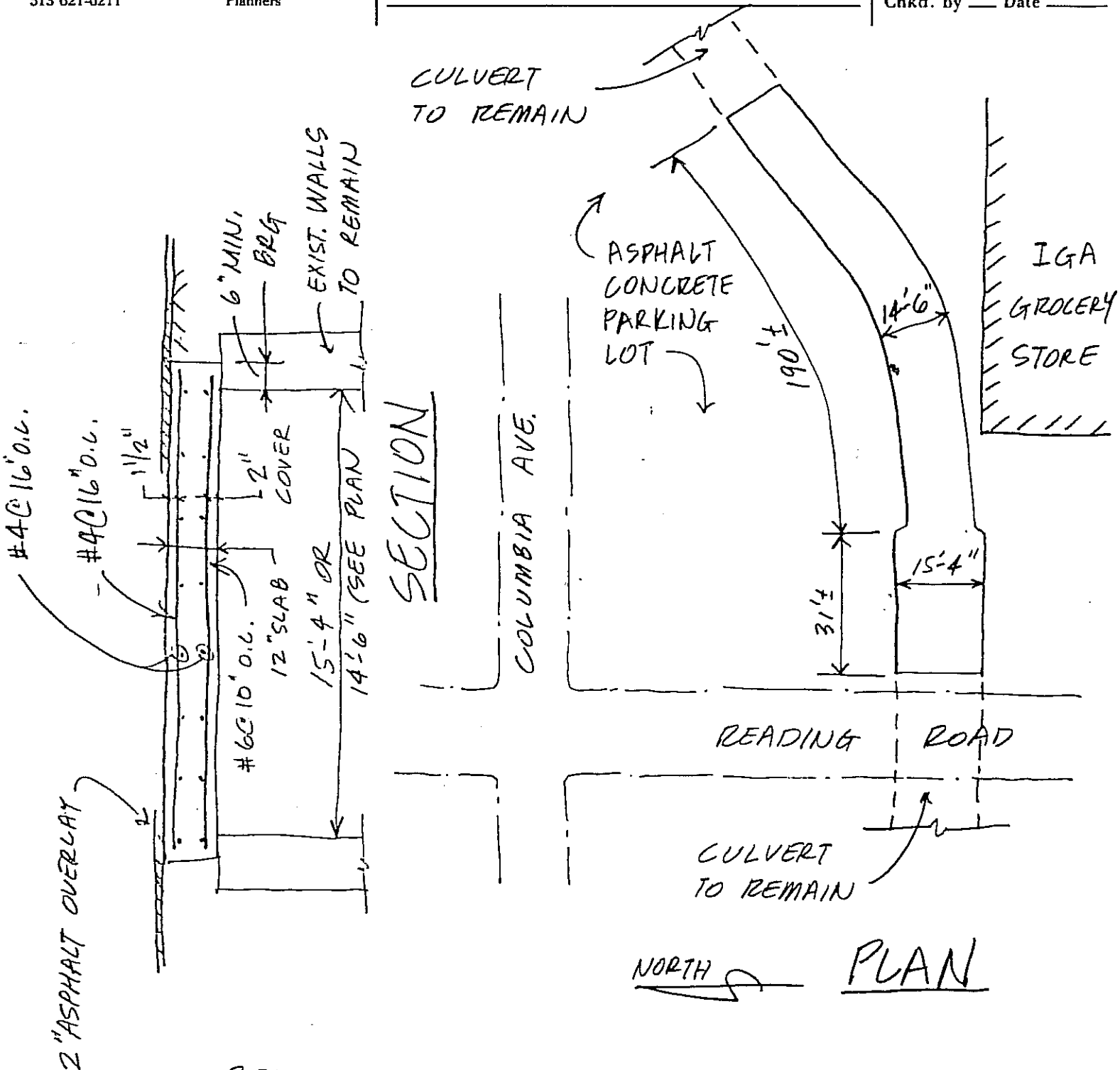
K|Z|F

KZF Incorporated  
655 Eden Park Drive  
Cincinnati, Ohio 45202  
513 621-6211

Architects  
Engineers  
Interior Designers  
Planners

Project CULVERT REPLACEMENT  
CITY OF READING  
Subject \_\_\_\_\_

Sheet No. \_\_\_\_\_ of \_\_\_\_\_  
Job No. 1842.07  
By JAB Date 6/19/89  
Chkd. by \_\_\_\_\_ Date \_\_\_\_\_



REINF. STEEL : ASTM A615 GRADE 60

CONCRETE : 4000 PSI @ 28 DAYS  
W/C RATIO 0.40 MAX (4" SLUMP)  
ADD 4 GAL/C.Y. W.R. GRACE "DCI"  
CORROSION INHIBITOR

APPLYING JURISDICTIONS/AGENCIES: NOTE THAT THIS FORM IS BEING OFFERED FOR INFORMATION PURPOSES ONLY. IT WILL BE FILLED OUT BY THE SUPPORT STAFF, BASED ON INFORMATION SUPPLIED ON APPLICATION FORMS.

OHIO'S INFRASTRUCTURE BOND PROGRAM (ISSUE #2)

DISTRICT 2 - HAMILTON COUNTY  
1989 PROJECT SELECTION CRITERIA

JURISDICTION/AGENCY: City of Reading

PROJECT IDENTIFICATION:

Box Culvert Replacement (top slab) Project  
Location: Publicly owned easement at IGA Parking lot  
southeast corner Reading and Columbia

PROPOSED FUNDING:

District Issue 2 Funds - 90% Construction  
Local Funds - 10% Construction, 100% all other costs.

ELIGIBLE CATEGORY:

Storm water

POINTS

- 20 1. Is this a roadway, bridge, or stormwater project?
- 20 points - Yes  
0 points - No
- 15 2. If State Issue 2 funds are awarded, how soon would the opening of bids occur after project approval?
- 15 points - within six months  
10 points - six to 12 months  
0 points - over twelve months
- 8 3. Using averages where necessary, what is the condition of the infrastructure to be replaced or repaired? For bridges, base condition on latest general appraisal and condition rating.
- Very poor

CONDITION

- 10 points - Closed  
8 points - Poor  
6 points - Fair  
4 points - Good

4 4. How will the proposed infrastructure activity impact the general health and welfare of the service area, including convenience and quality of life?

- 10 points - significantly
- 7 points - moderately
- 4 points - minimally
- 0 points - no impact

2 5. Are matching funds available? (i.e. Federal, State, MRF, Local, etc.) To what extent of anticipated construction cost?

- 10 points - more than 50%
- 8 points - 40-50%
- 6 points - 30-39%
- 4 points - 20-29%
- 2 points - 10-19%

14 6. How will the proposed infrastructure activity impact the public's safety?

- 20 points - significantly
- 14 points - moderately
- 8 points - minimally
- 0 points - no impact

5 7. Has any formal action by a federal, state, or local governmental agency resulted in a partial ban or complete ban of the use or expansion of use for the involved infrastructure? This includes reduced weight limits on bridges.

- 10 points - complete ban
- 5 points - partial ban
- 0 points - no action

4 8. What is the total number of existing users that will benefit as a result of the proposed project? Use appropriate criteria such as household, traffic count, daily users, etc., and equate to an equal measurement of persons.

- 10 points - over 10,000 people
- 7 points - 5,000 to 10,000 people
- 4 points - less than 5,000 people

2 9. Does the project have regional impact? (How many jurisdictions will be served or will benefit from this project?)

- 10 points - major regional impact (4 or more jurisdictions)
- 5 points - secondary regional impact (2 or 3 jurisdictions)
- 2 points - little or no regional impact (1 jurisdiction)

74 TOTAL POINTS  
*Joe Hipfel*  
*Richard Cline*  
*Brian Pickering* } District 2  
Support Staff.  
Reviewer Names

7/25/89  
Date